

Figure 1.

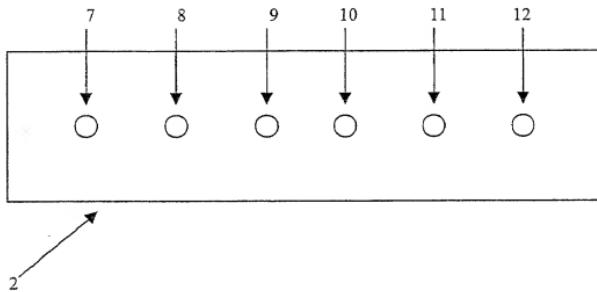


Figure 2.

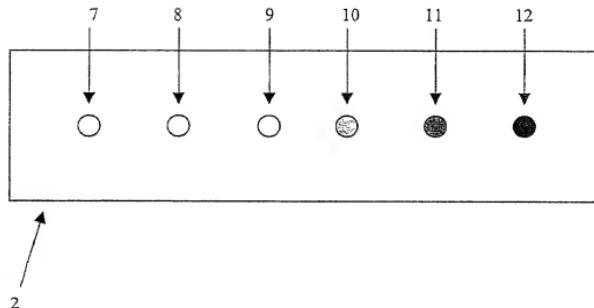


Figure 3.

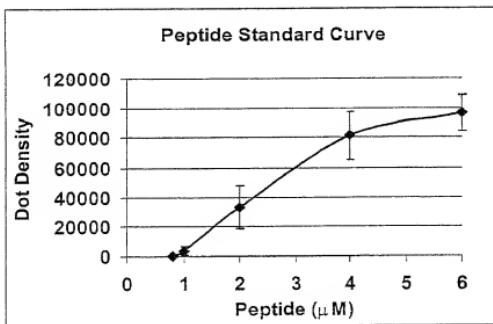


Figure 4.

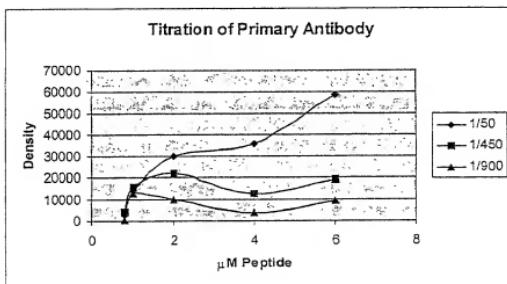


FIGURE 5A

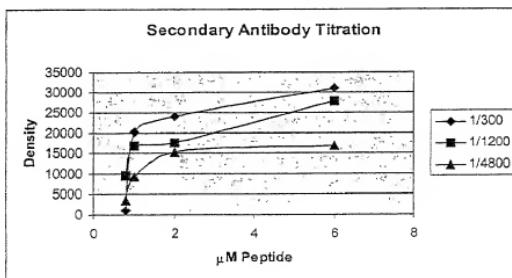


FIGURE 5B

Peptides from TN10 phage library

SEQ ID NO:

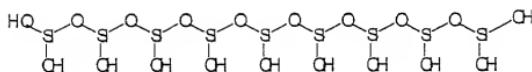
S	D	W	A	C	D	Q	E	P	F	F	T	L	G	C	S	Y	H	A	2
S	H	L	H	C	Q	A	P	Y	H	N	E	G	C	C	H	H	F	A	3
S	H	S	H	C	Q	A	P	Y	L	S	M	A	C	C	L	P	P	A	4
S	H	H	S	C	Q	A	P	F	Y	D	R	D	C	C	R	N	N	A	5
S	H	H	D	F	C	Q	A	P	W	F	E	N	C	C	N	S	N	A	6
S	N	H	N	C	D	Q	S	P	Y	L	S	A	C	C	V	Y	P	A	7
S	S	L	N	C	C	H	Q	S	P	Y	L	P	N	C	F	Y	N	A	8
S	S	Y	F	D	C	C	Q	S	P	Y	L	P	M	C	S	D	H	A	9
S	H	S	H	C	G	S	Q	A	P	Y	Y	Y	C	C	F	N	N	A	10
S	H	P	F	C	C	D	S	N	Q	T	P	Y	Y	C	F	N	N	A	11
S	H	D	L	C	T	H	N	Q	V	P	Y	F	V	C	D	F	N	A	12
S	L	D	S	C	D	K	F	Q	A	P	Y	F	V	C	D	H	N	A	13
S	H	D	S	H	C	A	F	N	Q	S	P	Y	F	C	D	N	Y	A	14
S	N	H	H	C	M	N	F	Q	Q	P	V	Y	C	C	N	S	Y	A	15
S	H	L	D	C	Y	H	Y	S	Q	A	P	Y	C	Q	S	L	Y	A	16
S	N	D	D	C	Y	V	D	N	Q	H	P	Y	C	H	L	L	A	17	

Peptides from TN6 phage library

T	G	S	D	K	Q	C	P	V	I	D	C	M	B	Y	A	P	G	18	
T	G	S	D	W	Q	C	P	F	W	D	C	G	D	S	A	P	G	19	
T	G	S	S	M	Q	C	P	V	L	N	C	S	G	G	D	A	P	G	20
T	G	S	S	A	Q	C	P	V	K	N	C	G	I	N	A	P	G	21	
T	G	S	S	S	H	Q	C	P	A	L	S	C	A	V	S	A	P	G	22
T	G	S	S	L	I	Q	C	P	A	F	F	C	D	V	N	A	P	G	23
T	G	S	S	D	F	Q	C	P	Y	V	E	C	C	D	Y	A	P	G	24
T	G	S	S	V	S	Q	C	P	Y	W	E	C	D	D	Y	A	P	G	25
T	G	S	F	F	W	Q	C	P	F	F	G	C	D	N	F	A	P	G	26
T	G	P	F	E	L	C	K	E	N	D	C	Q	A	P	A	P	G	27	
T	G	S	Y	Q	H	C	P	Y	Y	D	C	Q	D	V	D	A	P	G	28
T	G	S	N	Q	H	C	P	A	Y	A	C	Q	K	P	A	P	G	29	

Figure 6: Representative Consensus Sequences of ER Peptides

Docket/App No.: 1159.1008-005  
Title: Quality Control for Cytochemical . . .  
Inventors: Seshi R. Sompuram, *et al.*



### Gass surface

Figure 7.

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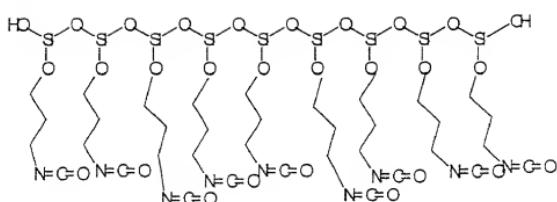
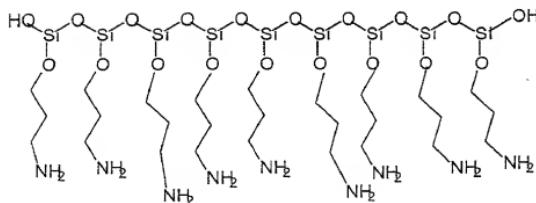
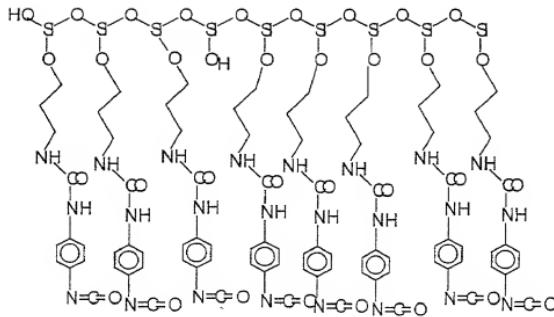


Figure 8.



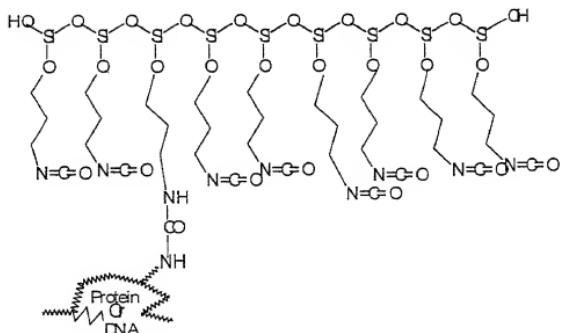
### Amino propyl endcapped surfaces

Figure 9.



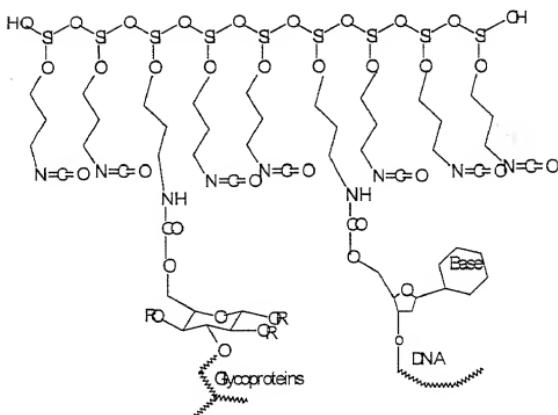
Phenylene diisocyanate endcapped glass surface

Figure 10.



#### Covalent attachment of protein or DNA to Glass utilizing an amine function

Figure 11.



A carbohydrate or DNA Attachment to the isocyanate endcapped Glass

Figure 12.

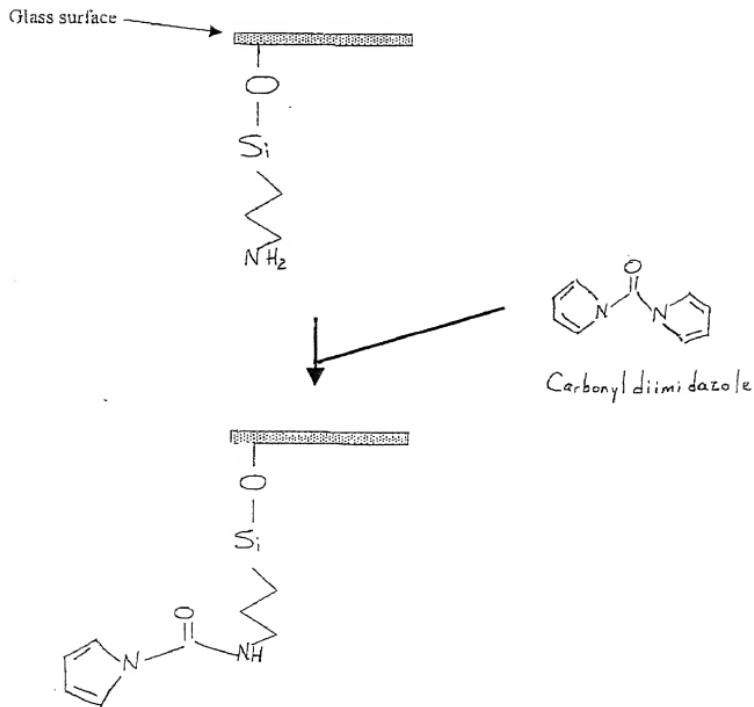


Figure 13.

